



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Deninger et al.
Serial No.: 09/758,006
For: UHV COMPATIBLE LEAD THROUGH, DEVICE AND
PROCEDURE FOR HIGHLY EFFECTIVE PRODUCTION OF
NUCLEAR SPIN POLARIZED ^3He AT HIGH
POLARIZATION
Filed: January 10, 2001
Examiner: Charles Grant Freay
Art Unit: 3746
Confirmation No.: 9581
Customer No.: 27,623

Attorney Docket No.: 608.0006USU

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

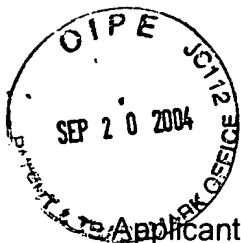
Dear Sir:

RECEIVED
SEP 23 2004
TECHNOLOGY CENTER R3700

In response to the Office Action dated August 16, 2004,
please amend the above-identified application as follows:

Listing of the Claims begins on page 2 of this paper.

Remarks begin on page 12 of this paper.



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3746
41

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**MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450**

Dear Sir:

AMENDMENT TRANSMITTAL

We are enclosing an Amendment in the above-identified application.

Petition for extension of time pursuant to 37 C.F.R. §§ 1.136 and 1.137 is hereby made if, and to the extent, required. The fee for this extension of time is calculated to be \$_____ to extend the time for filing this response until _____.

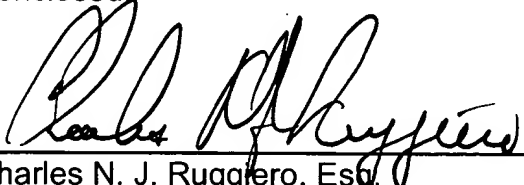
The fee for any change in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	
Total Claims	41	Minus	61	0	x \$18.00	\$
Independent Claims	2	Minus	3	0	x \$86.00	\$
MULTIPLE DEPENDENT CLAIM FEE				x \$290.00 = \$		
TOTAL FEE FOR CLAIM CHANGES				\$0		
1/2 FILING FEE FOR SMALL ENTITY				\$N/A		

The total fee for this amendment, including claim changes (\$0), and any extension of time (\$0) is calculated to be \$ 0.00.

X The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

September 16, 2004
Date



Charles N. J. Ruggiero, Esq.
Attorney for Applicant(s)
Registration No. 28,468
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, CT 06901-2682
Telephone: (203) 327-4500
Telefax: (203) 327-6401

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON SEPTEMBER 16, 2004.

Mary R. Charles
NAME



SIGNATURE